

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-------|------------------|---------|------------------|
| S1 | 23077 | PWM or ((pulse adj1 width) adj1 modulat\$3) | USPAT | OR | OFF | 2005/06/02 15:27 |
| S2 | 14 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) with (edge near3 point) | USPAT | OR | OFF | 2002/11/22 13:36 |
| S3 | 739 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) with delay | USPAT | OR | OFF | 2002/11/22 15:10 |
| S4 | 1 | ((PWM or ((pulse adj1 width) adj1 modulat\$3)) with (edge near3 point)) with delay | USPAT | OR | OFF | 2002/11/22 13:36 |
| S5 | 112 | ((PWM or ((pulse adj1 width) adj1 modulat\$3)) with delay) with (value or values) | USPAT | OR | OFF | 2002/11/22 15:12 |
| S6 | 14 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) with (delay adj2 (value or values)) | USPAT | OR | OFF | 2002/11/27 11:08 |
| S7 | 0 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) with ((edge adj2 point) near4 delay\$3) | USPAT | OR | OFF | 2002/11/26 10:28 |
| S8 | 1 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) with ((edge adj2 point) with delay\$3) | USPAT | OR | OFF | 2002/11/26 10:29 |
| S9 | 2 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) same ((edge adj2 point) with delay\$3) | USPAT | OR | OFF | 2002/11/26 10:29 |
| S10 | 3071 | delay\$3 with (rising adj2 edge) | USPAT | OR | OFF | 2002/11/27 11:10 |
| S11 | 46 | (delay\$3 with (rising adj2 edge)) same (PWM or (pulse adj2 width adj2 modulat\$3)) | USPAT | OR | OFF | 2002/11/27 15:29 |
| S12 | 4 | ("4087825" "4672398" "4982199" "5107276").PN. | USPAT | OR | OFF | 2002/11/27 11:36 |
| S13 | 0 | ((defer\$3 or inhibit\$3 or offset\$3 or prevent\$3) adj4 (rising adj2 edge)) with (PWM or (pulse adj2 width adj2 modulation)) | USPAT | OR | OFF | 2002/11/27 15:31 |
| S14 | 140 | (defer\$3 or inhibit\$3 or offset\$3 or prevent\$3) adj4 (rising adj2 edge) | USPAT | OR | OFF | 2002/11/27 15:40 |
| S15 | 65 | (defer\$3 or inhibit\$3 or offset\$3 or prevent\$3) adj2 (rising adj2 edge) | USPAT | OR | OFF | 2002/12/03 10:07 |
| S16 | 17885 | (increas\$3 or inprov\$3) near4 (resolution) | USPAT | OR | OFF | 2002/12/03 10:10 |
| S17 | 332 | ((increas\$3 or inprov\$3) near4 (resolution)) with conversion | USPAT | OR | OFF | 2002/12/03 11:46 |

| | | | | | | |
|-----|------|---|-------|----|-----|------------------|
| S18 | 0 | ((increas\$3 or improv\$3) near4 (resolution)) with conversion) with ((PWM or pulse) adj2 width) adj2 modulation) | USPAT | OR | OFF | 2002/12/03 10:11 |
| S19 | 14 | ((increas\$3 or improv\$3) near4 (resolution)) with ((PWM or pulse) adj2 width) adj2 modulation) | USPAT | OR | OFF | 2002/12/03 10:11 |
| S20 | 7 | ((increas\$3 or improv\$3) near4 (resolution)) with conversion) with delay | USPAT | OR | OFF | 2002/12/03 11:43 |
| S21 | 7 | ((increas\$3 or improv\$3) near4 (resolution)) with conversion) with delay\$3 | USPAT | OR | OFF | 2002/12/03 11:43 |
| S22 | 11 | ((increas\$3 or improv\$3) near4 (resolution)) with conversion) with (offset\$3) | USPAT | OR | OFF | 2002/12/03 11:52 |
| S23 | 58 | ((increas\$3 or improv\$3) near4 (resolution)) with conversion) with (bit or bits) | USPAT | OR | OFF | 2002/12/03 11:59 |
| S24 | 2 | ((increas\$3 or improv\$3) near4 (resolution)) with conversion) with (bit or bits)) with delay\$3 | USPAT | OR | OFF | 2002/12/03 14:27 |
| S25 | 9477 | (narrow\$3 or less\$5 or reduc\$3) with (pulse near4 width) | USPAT | OR | OFF | 2002/12/03 14:31 |
| S26 | 404 | ((floating adj1 point) or fraction\$2) with ((D adj2 A) or (digital adj3 analog)) | USPAT | OR | OFF | 2002/12/03 14:39 |
| S27 | 26 | ((narrow\$3 or less\$5 or reduc\$3) with (pulse near4 width)) with ((increas\$3 or improv\$3) near3 resolution) | USPAT | OR | OFF | 2002/12/03 14:33 |
| S28 | 40 | ((floating adj1 point) or fraction\$2) with ((D adj2 A) or (digital adj3 analog))) with conversion | USPAT | OR | OFF | 2002/12/03 15:01 |
| S29 | 2093 | (correct\$3 or modif\$4) near5 (pulse adj2 width) | USPAT | OR | OFF | 2002/12/03 15:03 |
| S30 | 92 | ((correct\$3 or modif\$4) near5 (pulse adj2 width)) with delay\$3 | USPAT | OR | OFF | 2002/12/03 15:03 |
| S31 | 430 | 713/500.ccls. | USPAT | OR | OFF | 2003/07/07 16:55 |
| S32 | 13 | 713/500.ccls. and (PWM or ((pulse adj1 width) adj1 modulat\$3)) | USPAT | OR | OFF | 2003/07/07 16:55 |
| S33 | 1539 | 713/5\$.ccls. | USPAT | OR | OFF | 2003/07/07 16:55 |
| S34 | 2 | 713/5\$.ccls. and ((PWM or ((pulse adj1 width) adj1 modulat\$3)) with delay\$3) | USPAT | OR | OFF | 2003/07/07 16:56 |

| | | | | | | |
|-----|-------|--|-------|----|-----|------------------|
| S37 | 1121 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) with delay\$3 | USPAT | OR | OFF | 2005/05/24 16:56 |
| S38 | 1 | "4951159".pn. | USPAT | OR | OFF | 2005/05/24 10:57 |
| S39 | 11 | ("4951159").URPN. | USPAT | OR | OFF | 2005/05/24 10:57 |
| S40 | 51 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) with delay\$3 with (bit\$1) | USPAT | OR | OFF | 2005/05/24 16:57 |
| S41 | 17 | (PWM or ((pulse adj1 width) adj1 modulat\$3)) same (delay\$3 with ((separated or separating or LSB\$2 or significant or (low adj1 order)) near4 bit\$1)) | USPAT | OR | OFF | 2005/05/24 17:35 |
| S42 | 5 | ("5638017").URPN. | USPAT | OR | OFF | 2005/05/24 17:25 |
| S43 | 18 | ("4502024").URPN. | USPAT | OR | OFF | 2005/05/24 17:27 |
| S44 | 25994 | register near3 (transfer\$3 or send\$3) | USPAT | OR | OFF | 2005/05/26 16:11 |
| S45 | 197 | (register near3 (transfer\$3 or send\$3)) with multiplier | USPAT | OR | OFF | 2005/05/26 16:51 |
| S46 | 148 | (digital adj2 process\$3) with (register near3 input\$1) | USPAT | OR | OFF | 2005/05/26 16:52 |
| S47 | 37 | (digital adj2 process\$3) with (register near3 input\$1 near3 data) | USPAT | OR | OFF | 2005/05/26 16:54 |
| S48 | 3 | (digital adj2 process\$3) with (register near3 input\$1 near3 bits) | USPAT | OR | OFF | 2005/05/26 16:52 |
| S49 | 4887 | register\$1 with (well adj1 known) | USPAT | OR | OFF | 2005/06/01 17:06 |
| S50 | 157 | (register\$1 with (well adj1 known)) with ((hold\$3 or stor\$3) near2 (data or bits or word\$1)) | USPAT | OR | OFF | 2005/06/01 17:11 |
| S51 | 33 | S50 with (process\$5) | USPAT | OR | OFF | 2005/06/01 17:08 |
| S52 | 349 | (register\$1 with (well adj1 known)) with (transfer\$5) | USPAT | OR | OFF | 2005/06/01 17:11 |
| S53 | 1 | "5594631".pn. | USPAT | OR | OFF | 2005/06/02 15:27 |